

Energy-Efficient Lighting



Save Money and Make Your Home Safer

Safety

Halogen torchiere uplights are becoming all too common in the residential sector. Most people don't realize that these bright "halos of light" reach temperatures as hot as 700°F, more than twice as hot as your oven! The Consumer Product Safety Commission reports that hot halogen lamps have been responsible for over 200 fires and more than 14 fire-related deaths, and consumers have begun to take a stand.

Energy

In addition to safety concerns, these fixtures consume a substantial amount of energy. By 1996 these lamps were consuming five times the amount of energy being generated by all of the nation's solar photovoltaic panels and wind turbines. Berkeley Lab developed a compact fluorescent (CFL) torchiere uplight in response to these safety and energy concerns.

Market Acceptance

There are approximately two million CFL torchieres being used by consumers. In addition, many organizations have facilitated successful torchiere swap-out programs. Overall, consumers have accepted this new technology as a high-quality and safe lighting alternative to halogen torchieres.



Federal Energy Management Program

Web site: <http://www.eren.doe.gov/femp/prodtech/newtechdemo.html>

For More Information:

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